

**WHAT IS CLAIMED IS:**

1. A stent comprising:

5           a plurality of circumferential rings, said rings connected by connector members, and  
            the connector members designed to be frangible.

2. A stent comprising:

10           a plurality of circumferential rings, said rings connected by connector members, and  
            the connector members being flexible members containing an area of weakness.

3. A stent comprising:

15           a plurality of circumferential rings, said rings connected by connector members, and  
            the connector members being absorbable.

4. A stent comprising:

20           a plurality of circumferential rings, said rings connected by connector members, and  
            the connector members being attached to each ring only at selected points on the ring, and  
25           the connector members being frangible.

5. The connector members being attached to each ring only at selected points on the ring, and

the connector members having flexible members containing an area of weakness.

5 6. The stent of claims 1 to 5 when the connector member is attached to the ring member at a selected portion on a ring member.

10 7. The stent of claim 1-6 where there is contained a weakened point in the connector member, said weakened point placed about midway between ring members.

15 8. The stent of claim 1-6 where the stent rings are frangible from one another at said connector member upon the application of a predetermined strain on the lumen of a vessel.